# Identifying synergies and engaging communities within the GO FAIR initiative



#### **GO FAIR Initiative**

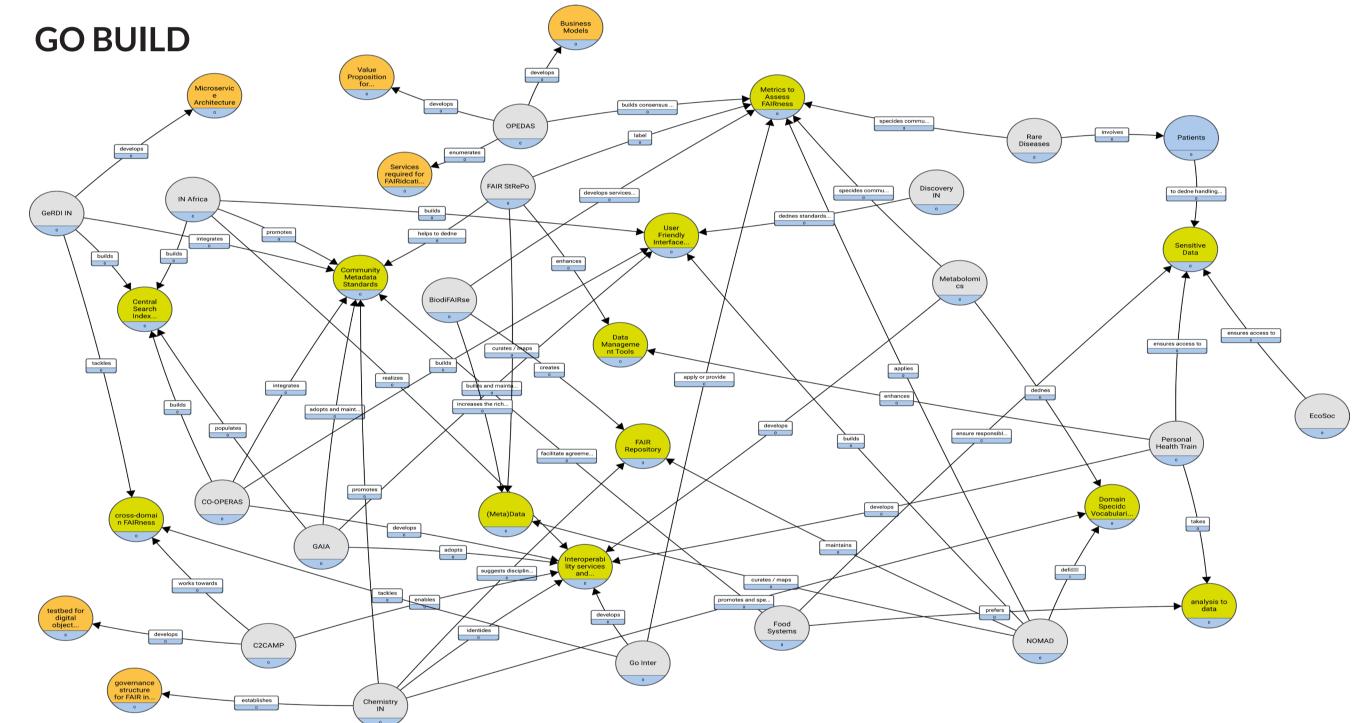
GO FAIR is an open and inclusive bottom-up initiative for FAIR pioneers teaming up as so-called "Implementation Networks". The GO FAIR initiative currently counts 17 active Implementation Networks. The activities of the GO FAIR Implementation Networks are organized into three Pillars:

- GO BUILD focus on FAIR technology
- GO CHANGE focus on priorities, policies and incentives for a cultural change to implement FAIR
- GO TRAIN focus on FAIR awareness and skills development training.

To put Open Science into practice, visions of federated research data infrastructures have been conceived at the national, the regional, and the global level and are currently taking shape in varying forms. GO FAIR members may be working on FAIR solutions that can contribute to national infrastructures such as Germany's NFDI (National Research Data Infrastructure), to regional infrastructures such as the EOSC (European Open Science Cloud) or to global infrastructures such as the IFDS (Internet of FAIR Data and services). The challenge is to make sure that these solutions can be taken up at all of these levels.

Here's our strategy to ensure the relevance and compatibility of Implementation Networks' output at various levels:

# Mapping the Implementation Networks' activities to identify synergies



#### **GO BUILD Synergies**

There are three issues that are particularly popular among the Implementation Networks:

- Interoperability Services and Practices (8)
- Metrics to Asses FAIRness (7)
- Community Metadata Standards (7)

Numerous Implementation Networks want to build a:

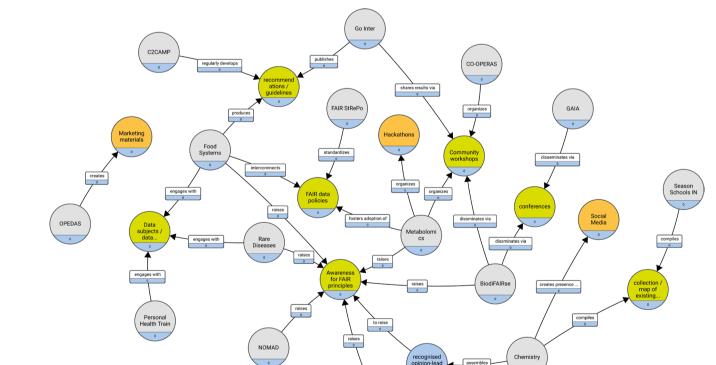
- User-Friendly Interface (5)
- Central Search Index (4)

Quite widespread are also the following topics:

- Access to Sensitive Data (4)
- Domain-Specific Vocabularies / Ontologies (4)
- Maintenance of FAIR Repositories (3)
- (Meta)Data Curation (3)
- FAIRness across Domains (3)

Two activities are shared by two Implementation Networks:

- Taking the Analysis to the Data
- Enhancing RDM Tools



#### **GO CHANGE Synergies**

**GO CHANGE** 

Overlaps in GO CHANGE-related activities:

- Raising Awareness for the FAIR Principles (7)
- Community Workshops (4)
- Engaging with Data Subjects / Data Providers (3)
- Producing Recommendations / Guidelines (3)
- Enhancing the application of FAIR Data Policies (3)
- Compiling a Map of Existing Resources (2)

Disseminating at Conferences (2)

#### And then?

Here's how the GO FAIR Initiative acts upon these synergies:

#### Workshops

The GO FAIR International Support and Coordination offices organizes pillar-specific workshops on a regular basis. The latest GO CHANGE workshop led to a compilation of resources on awareness-raising for the FAIR principles (available at: https://www.go-fair.org/resources/ more-on-fair/). Scheduled for November 2019 are a GO BUILD workshop on "Semantic Interoperability of Metadata" and a GO TRAIN workshop on "FAIR Training Materials".

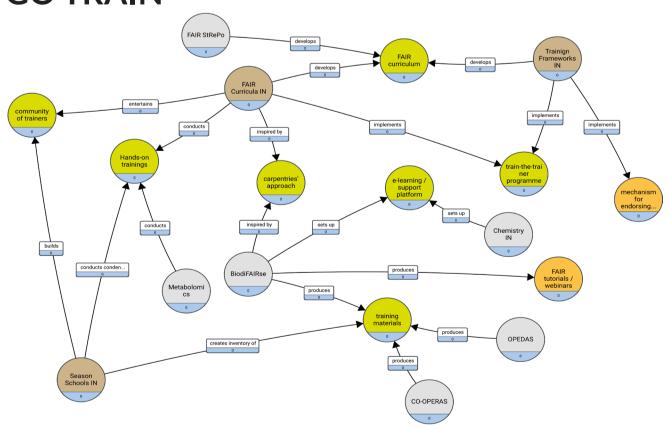
#### **International IN Meeting**

Go FAIR Implementation Networks meet up once a year in order to share FAIR solutions. In January 2020, the International IN Meeting will take place in Hamburg. It will showcase best practices and outputs from Implementation Networks and aims at inspiring cross-IN collaboration.

#### **GO FAIR Implementation Matrix**

Go FAIR maintains a table of implementation choices officially declared by communities of practice. It is designed to drive convergence on standards and for cross-disciplinary interoperation of data.

### **GO TRAIN**



## **GO TRAIN Synergies**

Overlaps in GO TRAIN-related activities:

- Producing Training Materials (4)
- Working with a FAIR Curriculum (3)
- Hands-on Trainings (3)
- Setting up an E-learning / Support Platform (2)
- Carpentries' Approach (2)
- Train-the-Trainer Programme (2)
- Community of Trainers (2)







